

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No.: 7,598,241

Serial No. : 10/543,109

Filed : July 22, 2005

Issued : October 6, 2009

For : CARBOXAMIDE DERIVATIVES AND THE USE THEREOF AS FACTOR
XA INHIBITORS

**PETITION FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 C.F.R. § 1.322 OR § 1.323**

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Applicants hereby request that the above-identified U.S. patent be corrected in accordance with the attached Certificate of Correction.

I. C.F.R. § 1.322

- ☒ The mistake(s) was/were incurred through the fault of the Patent and Trademark Office and is/are clearly disclosed in the records of the Office. Therefore, no fee is due.

II. C.F.R. § 1.323

- ☐ At least some of the mistakes was/were made by the applicant. Therefore, a check in the amount of \$100.00 in payment of the fee set forth in 37 C.F.R. § 1.20(a) is enclosed herewith.

Enclosed herewith is a Form PTO-1050 (in duplicate) listing an error/errors that has/have been found in the above-identified patent. The error(s) is/are of a clerical or typographical nature or of minor character and was/were made in good faith. The requested correction(s) does/do not constitute new matter or require reexamination.

III. Accordingly, patentees and their assignee respectfully request that the Patent and Trademark Office issue a Certificate of Correction pursuant to 37 C.F.R. § 1.322 or § 1.323, respectively.

Respectfully submitted,

/Csaba Henter/

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Attorney Docket No.: MERCK-3039

Date: October 21, 2010

CH/jqs

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,598,241

DATED : October 6, 2009

INVENTOR(S) : Dieter DORSCH

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 30, line 29 reads: " R^2 , $^{OSO}_2R^2$, $OSO_2N(R^2)_2$ or $PO(OR^2)_2$.
Should read: -- R^2 , OSO_2R^2 , $OSO_2N(R^2)_2$ or $PO(OR^2)_2$.--

Column 32, line 23 reads: "lin-4-yl)phenyl]-3-methanesulfonylporpionamide,"
Should read: --lin-4-yl)phenyl]-3-methanesulfonylporpionamide,--

Column 32, line 34 reads: "2-[3-(4-chlorophenyl)ureido]-N-[4-(2-oxomorpholin-1-"
Should read: --2-[3-(4-chlorophenyl)ureido]-N-[4-(2-oxopiperidin-1- --

Column 32, line 36 reads: "2-[3-(4-chlorophenyl)ureido]-N-[4-(3-oxopiperidin-4-"
Should read: --2-[3-(4-chlorophenyl)ureido]-N-[4-(3-oxomorpholin-4- --

Column 32, line 39 reads: "2-[3-(4-chlorophenyl)ureido]-N-[4-(2-oxopiperidin-4-"
Should read: : --2-[3-(4-chlorophenyl)ureido]-N-[4-(3-oxomorpholin-4- --

Column 32, line 40 reads: "yl)phenyl]-3-(methanesulfoximinyl)butyramide,"
Should read: --(methanesulfoximinyl)butyramide,--

Column 32, line 42 reads: "1-yl)phenyl]3-sulfamoylpropionamide,"
Should read: --1-yl)phenyl]-3-sulfamoylpropionamide,--

PATENT NO. 7,598,241

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DATED : October 6, 2009

INVENTOR(S) : Dieter DORSCH

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 33, line 42 reads: "c) a radical R^1 is convened into another radical R^1 by"

Should read: --c) radical R^1 is converted into another radical R^1 by--

Column 33, line 44 reads: "compound of formula I is convened into one of its salts"

Should read: "compound of formula I is converted into one of its salts--

Column 34, line 54 reads: " $COOR^3$ or $-O-[C(R^3)_2]_6-COOR^3$,"

Should read: -- $COOR^3$ or $-O-[C(R^3)_2]_6-COOR^3$, --

Column 34, line 59 reads: " $-[C(R^3)_2]_n$ - Het', $-[C(R^3)_2]_n$ -cycloalkyl, $-[C(R^3)_2]_n$ -"

Should read:-- $-[C(R^3)_2]_n$ -Ar, $-[C(R^3)_2]_n$ -Het', $-[C(R^3)_2]_n$ -cycloalkyl, $-[C(R^3)_2]_n$ ---

Column 34, line 64 reads: "Het'denotes a mono- or bicyclic saturated, unsaturated or"

Should read: -- Het' denotes a mono- or bicyclic saturated, unsaturated or--

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It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 34, line 67 reads: "by carbonyl oxygen,((=)), =S, =N(R³)₂, Hal, A, OR³,"

Should read: -- by carbonyl oxygen, =S, =N(R³)₂, Hal, A, OR³,--

Column 35, line 36 reads: "-[C(R³)₂]_n-cycloalkyl, -[CR³]₂_n-N(R³)₂ or -[C--

Should read: -- -[C(R³)₂]_n-cycloalkyl, -[C(R³)₂]_n-N(R³)₂ or -[C--

Column 35, line 39 reads: "W denotes -[C(R³)₂]_n,"

Should read: -- W denotes -[C(R³)₂]_n-, --

Column 35, line 47 reads: "(R³)₂_n-Het, -[C(R³)₂]_n-cycloalkyl, OR², N(R²)₂, NO₂,"

Should read: --(R³)₂_n-Ar, -[C(R³)₂]_n-Het, -[C(R³)₂]_n-cycloalkyl, OR², N(R²)₂,
NO₂,--

Column 35, line 59 reads: "-O-[C(R³)₂]₆-COOR², SO²H or S(O)_nA,

Should read: ---O-[C(R³)₂]₆-COOR², SO₃H or S(O)_nA,--

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It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 36, line 6 reads: " $\text{NR}^2\text{SO}_2\text{A}$, COR^2 , $\text{SO}_2\text{N}(\text{R}^2)_2$ and/or $\text{S}(\text{O})_n\text{A}$,"

Should read: -- $\text{NR}^2\text{SO}_2\text{A}$, COR^2 , $\text{SO}_2\text{N}(\text{R}^2)_2$ and/or $\text{S}(\text{O})_n\text{A}$,--

Column 36, line 11 reads: " $_2$, CN , COOR^3 , $\text{CON}(\text{R}^3)_2$, NR^3COA ,
 $\text{NR}^3\text{CON}(\text{R}^3)_2$,"

Should read: -- $_2$, NO_2 , CN , COOR^3 , $\text{CON}(\text{R}^3)_2$, NR^3COA , $\text{NR}^3\text{CON}(\text{R}^3)_2$,--

Column 36, line 50 reads: " $\text{CON}(\text{R}^2)_2$, NR^2COA , $\text{NR}^2\text{CON}(\text{R}^2)_2$, NR^2SO
and/or"

Should read: -- $\text{CON}(\text{R}^2)_2$, NR^2COA , $\text{NR}^2\text{CON}(\text{R}^2)_2$, $\text{NR}^2\text{SO}_2\text{A}$, COR^2 ,
 SO_2NR^2 and/or --

Column 36, line 57 reads: " R_2 , Hal , A , $-\text{C}(\text{R}^3)_2\text{-Ar}$, $-\text{C}(\text{R}^3)_2\text{-Het}$,"

Should read: -- R^2 , Hal , A , $-\text{C}(\text{R}^3)_2\text{-Ar}$, $-\text{C}(\text{R}^3)_2\text{-Het}$,--

Column 36, line 66 reads: "by R_2 , Hal , A , $-\text{C}(\text{R}^3)_2\text{-Ar}$, $-\text{C}(\text{R}^3)_2\text{-Het}$, $-\text{C}$ "

Should read: -- by R^2 , Hal , A , $-\text{C}(\text{R}^3)_2\text{-Ar}$, $-\text{C}(\text{R}^3)_2\text{-Het}$, $-\text{C}$ --

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